

FCC6466E

High Power, High Isolation

Features:
 * High Power
 * High Isolation
 * Low Insertion Loss
 * Low VSWR

Applications:
 * Wireless
 * Radar
 * Laboratory Test

Description

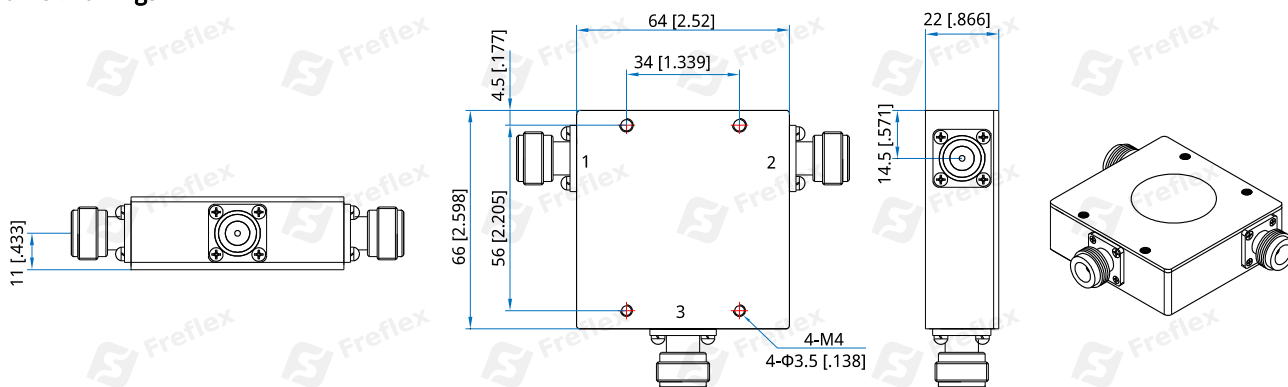
FCC6466E series Coaxial Circulators cover frequency range 70~200MHz. High power, high isolation and low insertion loss make it ideal for a lot of applications like amplifiers, transceivers, etc.

Specifications

Frequency (MHz)	Bandwidth (MHz)	IL (dB Max.)	Isolation (dB Min.)	VSWR (Max.)	Average Power* ¹ (W)	Connector	Temperature (°C)
130~160	2	0.50	20.0	1.25	10~500	SMA, N	-20~+70
130~160	5	0.60	18.0	1.30	10~500	SMA, N	-20~+70
150~180	30	0.60	18.0	1.30	10~500	SMA, N	-20~+70
160~200	10	0.40	23.0	1.20	10~500	SMA, N	-20~+70
160~200	30	0.50	20.0	1.25	10~500	SMA, N	-20~+70
160~190	30	0.50	10.0	1.25	10~500	SMA, N	-20~+70

[1] The connector is SMA, and the maximum average power can only reach 100W

Outline Drawings



Unit: mm [inch] Tolerance: ±0.2mm [±0.008in]

Mechanical

Size*²: 64*66*22mm
 2.52*2.598*0.866in
 Mounting: 4-Φ3.5mm through-hole
 4-M4

[2] Exclude connectors

Connector Naming Rules:

N - N Female

How To Order

FCC6466E-V-W-X-Y-Z

V: Start frequency in MHz

W: Stop frequency in MHz

X: Average power in W

Y: Connector type

Z: Direction type

Direction Naming Rules:

- 1 - Clockwise
- 2 - Anticlockwise

Examples:

To order a FCC6466E series Circulator, 70~90MHz, 100W, N female,
Clockwise, specify FCC6466E-70-90-K1-N-1.
Customization is available upon request.